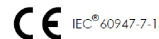


# INSTRUCTION SHEET

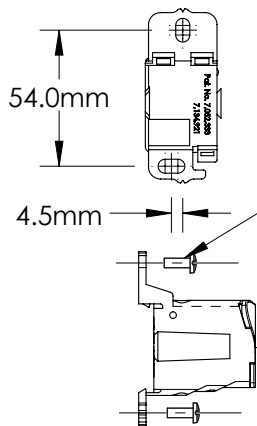
UD80A  
569010



**NOTE:**

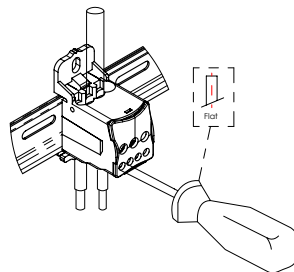
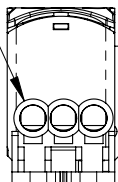
1. Tighten screws of all unused galleries to the specified torque above.
2. For multiple phase assemblies, join blocks together before installing on DIN Profile.
3. The input must be fixed or maintained at approximately 15cm from the block.





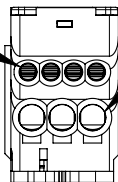
I = 80A  
 Ui = 1000V AC/DC  
 Uimp = 12kV  
 Ipk = 22kA  
 Icw = 3kA rms @ 1 sec





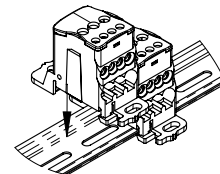
Size	Torque	Strip Length
 OR 	3.5N.m	17.0mm
6...16 mm <sup>2</sup>		



Size	Torque	Strip Length
 OR 	1.2N.m	10.2mm
2.5...6mm <sup>2</sup>		



Size	Torque	Strip Length
 OR 	3.5N.m	17.0mm
2.5...16mm <sup>2</sup>		



**WARNING:**

1. Pentair products shall be installed and used only as indicated in Pentair product instruction sheets and training materials. Instruction sheets are available at [www.erico.pentair.com](http://www.erico.pentair.com) and from your Pentair customer service representative.
2. Pentair products must never be used for a purpose other than the purpose for which they were designed or in a manner that exceeds specified load ratings.
3. All instructions must be completely followed to ensure proper and safe installation and performance.
4. Improper installation, misuse, misapplication or other failure to completely follow Pentair's instructions and warnings may cause product malfunction, property damage, serious bodily injury and/or death, and void your warranty.

**SAFETY INSTRUCTIONS:**

All governing codes and regulations and those required by the job site must be observed. Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

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IEC is a registered trademark of International Electrotechnical Commission

UD80A  
569010

\*For Short Circuit Current Rating up to 100kA see UL file E198301

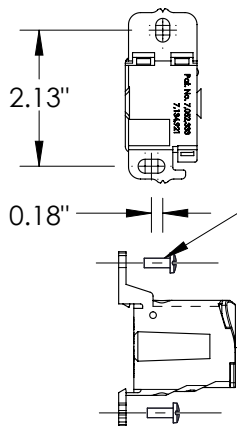
**NOTE:**

1. Tighten screws of all unused galleries to the specified torque above.
2. For multiple phase assemblies, join blocks together before installing on DIN Profile.
3. When protected by 200 ampere Class J or T fuse, this terminal block is rated for use on a circuit capable of delivering no more than 100kArms symmetrical amperes, 600 volts maximum.
4. The conduit ends shall be provided with a plastic conduit bushing.

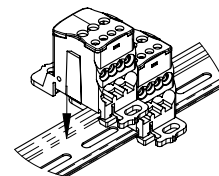
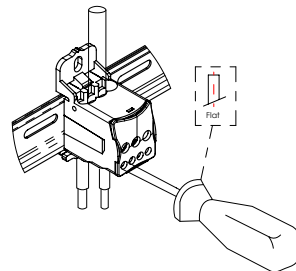
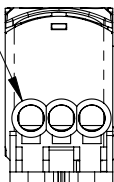


UL® 1059

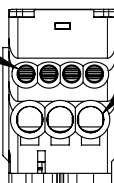
I = 85A  
Ui = 600V AC/DC



Size*	Torque	Strip Length
16...4 AWG	19.5 in-lbs	0.36 in



Size*	Torque	Strip Length
16...8 AWG	10.6 in-lbs	0.40 in



Size*	Torque	Strip Length
16...4 AWG	19.5 in-lbs	0.36 in

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